

Table 1.9 Net Generation of Electricity in the U.S. by Energy Source, 1960-2007

(Includes Electric Utilities; Independent Power Producers; and Combined Heat and Power for Commercial, Industrial and Electric Sectors)

Thousand Gigawatthours

Year	Coal	Petro-leum	Natural Gas	Other Gases ¹	Nuclear Electric Power	Hydro-electric Power ²	Wood ³	Waste ⁴	Geo-thermal	Solar	Wind	Other ⁵	Total Fossil Fuel	Total Renewable Energy	Total Renewable (excluding hydro.)	Total	Percent Fossil Fuel	Percent Nuclear Power	Percent Renewable	Percent Renewable (excluding hydro.)
1960	403.1	48.0	158.0	na	0.5	149.4	0.1	na	0.0	na	na	na	609.0	149.6	0.2	759.2	80.2%	0.1%	19.7%	0.0%
1961	421.9	48.5	169.3	na	1.7	155.5	0.1	na	0.1	na	na	na	639.7	155.8	0.2	797.1	80.2%	0.2%	19.5%	0.0%
1962	450.2	48.9	184.3	na	2.3	172.0	0.1	na	0.1	na	na	na	683.4	172.2	0.2	857.9	79.7%	0.3%	20.1%	0.0%
1963	493.9	52.0	201.6	na	3.2	169.0	0.1	na	0.2	na	na	na	747.5	169.3	0.3	920.0	81.3%	0.3%	18.4%	0.0%
1964	526.2	57.0	220.0	na	3.3	180.3	0.1	na	0.2	na	na	na	803.2	180.7	0.4	987.2	81.4%	0.3%	18.3%	0.0%
1965	570.9	64.8	221.6	na	3.7	197.0	0.3	na	0.2	na	na	na	857.3	197.4	0.5	1,058.4	81.0%	0.3%	18.7%	0.0%
1966	613.5	78.9	251.2	na	5.5	197.9	0.3	na	0.2	na	na	na	943.6	198.5	0.5	1,147.5	82.2%	0.5%	17.3%	0.0%
1967	630.5	89.3	264.8	na	7.7	224.9	0.3	na	0.3	na	na	na	984.6	225.6	0.6	1,217.8	80.8%	0.6%	18.5%	0.1%
1968	684.9	104.3	304.4	na	12.5	225.9	0.4	na	0.4	na	na	na	1,093.6	226.7	0.8	1,332.8	82.1%	0.9%	17.0%	0.1%
1969	706.0	137.8	333.3	na	13.9	253.5	0.3	na	0.6	na	na	na	1,177.1	254.4	0.9	1,445.5	81.4%	1.0%	17.6%	0.1%
1970	704.4	184.2	372.9	na	21.8	251.0	0.1	0.2	0.5	na	na	na	1,261.5	251.8	0.9	1,535.1	82.2%	1.4%	16.4%	0.1%
1971	713.1	220.2	374.0	na	38.1	269.5	0.1	0.2	0.5	na	na	na	1,307.4	270.4	0.9	1,615.9	80.9%	2.4%	16.7%	0.1%
1972	771.1	274.3	375.7	na	54.1	275.9	0.1	0.2	1.5	na	na	na	1,421.2	277.7	1.8	1,753.0	81.1%	3.1%	15.8%	0.1%
1973	847.7	314.3	340.9	na	83.5	275.4	0.1	0.2	2.0	na	na	na	1,502.9	277.7	2.3	1,864.1	80.6%	4.5%	14.9%	0.1%
1974	828.4	300.9	320.1	na	114.0	304.2	0.1	0.2	2.5	na	na	na	1,449.4	306.9	2.7	1,870.3	77.5%	6.1%	16.4%	0.1%
1975	852.8	289.1	299.8	na	172.5	303.2	0.0	0.2	3.2	na	na	na	1,441.7	306.6	3.4	1,920.8	75.1%	9.0%	16.0%	0.2%
1976	944.4	320.0	294.6	na	191.1	286.9	0.1	0.2	3.6	na	na	na	1,559.0	290.8	3.9	2,040.9	76.4%	9.4%	14.2%	0.2%
1977	985.2	358.2	305.5	na	250.9	223.6	0.3	0.2	3.6	na	na	na	1,648.9	227.7	4.1	2,127.4	77.5%	11.8%	10.7%	0.2%
1978	975.7	365.1	305.4	na	276.4	283.5	0.2	0.1	3.0	na	na	na	1,646.2	286.8	3.3	2,209.4	74.5%	12.5%	13.0%	0.2%
1979	1,075.0	303.5	329.5	na	255.2	283.1	0.3	0.2	3.9	na	na	na	1,708.0	287.5	4.4	2,250.7	75.9%	11.3%	12.8%	0.2%
1980	1,161.6	246.0	346.2	na	251.1	279.2	0.3	0.2	5.1	na	na	na	1,753.8	284.7	5.5	2,289.6	76.6%	11.0%	12.4%	0.2%
1981	1,203.2	206.4	345.8	na	272.7	263.8	0.2	0.1	5.7	na	na	na	1,755.4	269.9	6.1	2,298.0	76.4%	11.9%	11.7%	0.3%
1982	1,192.0	146.8	305.3	na	282.8	312.4	0.2	0.1	4.8	na	na	na	1,644.1	317.5	5.2	2,244.4	73.3%	12.6%	14.1%	0.2%
1983	1,259.4	144.5	274.1	na	293.7	335.3	0.2	0.2	6.1	na	0.0	na	1,678.0	341.7	6.5	2,313.4	72.5%	12.7%	14.8%	0.3%
1984	1,341.7	119.8	297.4	na	327.6	324.3	0.5	0.4	7.7	0.0	0.0	na	1,758.9	332.9	8.6	2,419.5	72.7%	13.5%	13.8%	0.4%
1985	1,402.1	100.2	291.9	na	383.7	284.3	0.7	0.6	9.3	0.0	0.0	na	1,794.3	295.0	10.7	2,473.0	72.6%	15.5%	11.9%	0.4%
1986	1,385.8	136.6	248.5	na	414.0	294.0	0.5	0.7	10.3	0.0	0.0	na	1,770.9	305.5	11.5	2,490.5	71.1%	16.6%	12.3%	0.5%
1987	1,463.8	118.5	272.6	na	455.3	252.9	0.8	0.7	10.8	0.0	0.0	na	1,854.9	265.1	12.3	2,575.3	72.0%	17.7%	10.3%	0.5%
1988	1,540.7	148.9	252.8	na	527.0	226.1	0.9	0.7	10.3	0.0	0.0	na	1,942.4	238.1	12.0	2,707.4	71.7%	19.5%	8.8%	0.4%
1989^	1,583.8	164.5	352.6	7.9	529.4	272.0	27.2	9.2	14.6	0.3	2.1	3.8	2,108.8	325.3	53.4	2,967.3	71.1%	17.8%	11.0%	1.8%
1990	1,594.0	126.6	372.8	10.4	576.9	289.4	32.5	13.3	15.4	0.4	2.8	3.6	2,103.8	357.2	64.4	3,038.0	69.2%	19.0%	11.8%	2.1%
1991	1,590.6	119.8	381.6	11.3	612.6	284.5	33.7	15.7	16.0	0.5	3.0	4.7	2,103.3	357.8	68.8	3,073.8	68.4%	19.9%	11.6%	2.2%
1992	1,621.2	100.2	404.1	13.3	618.8	248.9	36.5	17.8	16.1	0.4	2.9	3.7	2,138.7	326.9	73.8	3,083.9	69.4%	20.1%	10.6%	2.4%
1993	1,690.1	112.8	414.9	13.0	610.3	276.5	37.6	18.3	16.8	0.5	3.0	3.5	2,230.7	356.7	76.2	3,197.2	69.8%	19.1%	11.2%	2.4%
1994	1,690.7	105.9	460.2	13.3	640.4	256.7	37.9	19.1	15.5	0.5	3.4	3.7	2,270.1	336.7	76.5	3,247.5	69.9%	19.7%	10.4%	2.4%
1995	1,709.4	74.6	496.1	13.9	673.4	308.1	36.5	20.4	13.4	0.5	3.2	4.1	2,293.9	384.8	74.0	3,353.5	68.4%	20.1%	11.5%	2.2%
1996	1,795.2	81.4	455.1	14.4	674.7	344.1	36.8	20.9	14.3	0.5	3.2	3.6	2,346.0	423.0	75.8	3,444.2	68.1%	19.6%	12.3%	2.2%
1997	1,845.0	92.6	479.4	13.4	628.6	352.4	36.9	21.7	14.7	0.5	3.3	3.6	2,430.3	433.6	77.2	3,492.2	69.6%	18.0%	12.4%	2.2%
1998	1,873.5	128.8	531.3	13.5	673.7	318.9	36.3	22.4	14.8	0.5	3.0	3.6	2,547.1	400.4	77.1	3,620.3	70.4%	18.6%	11.1%	2.1%
1999	1,881.1	118.1	556.4	14.1	728.3	313.4	37.0	22.6	14.8	0.5	4.5	4.0	2,569.7	399.0	79.4	3,694.8	69.5%	19.7%	10.8%	2.1%
2000	1,966.3	111.2	601.0	14.0	753.9	270.0	37.6	23.1	14.1	0.5	5.6	4.8	2,692.5	356.5	80.9	3,802.1	70.8%	19.8%	9.4%	2.1%
2001	1,904.0	124.9	639.1	9.0	768.8	208.1	35.2	14.5	13.7	0.5	6.7	11.9	2,677.0	287.7	70.8	3,736.6	71.6%	20.6%	7.7%	1.9%
2002	1,933.1	94.6	691.0	11.5	780.1	255.6	38.7	15.0	14.5	0.6	10.4	13.5	2,730.2	343.4	79.1	3,858.5	70.8%	20.2%	8.9%	2.1%
2003	1,973.7	119.4	649.9	15.6	763.7	267.3	37.5	15.8	14.4	0.5	11.2	14.0	2,758.6	355.3	79.5	3,883.2	71.0%	19.7%	9.1%	2.0%
2004	1,978.6	120.8	708.9	16.8	788.5	259.9	37.6	15.5	14.8	0.6	14.1	14.5	2,825.0	351.0	82.6	3,970.6	71.1%	19.9%	8.8%	2.1%
2005	2,013.2	122.5	758.0	16.3	782.0	263.8	38.7	15.5	14.7	0.6	17.8	12.5	2,910.0	357.5	87.2	4,055.4	71.8%	19.3%	8.8%	2.2%
2006	1,990.9	64.4	813.0	16.1	787.2	282.7	38.6	16.1	14.6	0.5	26.6	14.0	2,884.4	385.7	96.4	4,064.7	71.0%	19.4%	9.5%	2.4%
2007	2,020.6	65.7	893.2	15.4	806.5	241.3	38.5	16.9	14.8	0.6	32.1	13.8	2,994.9	351.3	103.0	4,159.5	72.0%	19.4%	8.4%	2.5%

[^]Through 1988, data are for generation at electric utilities only. Beginning in 1989, data also include generation at independent power producers.¹Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuel.²Conventional hydroelectric power and hydroelectric pumped storage facility production minus energy used for pumping.³Wood, black liquor, and other wood waste.⁴Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.⁵Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

Figure 1.4a - Net Generation of Electricity in the U.S. by Energy Source, 1960-2007

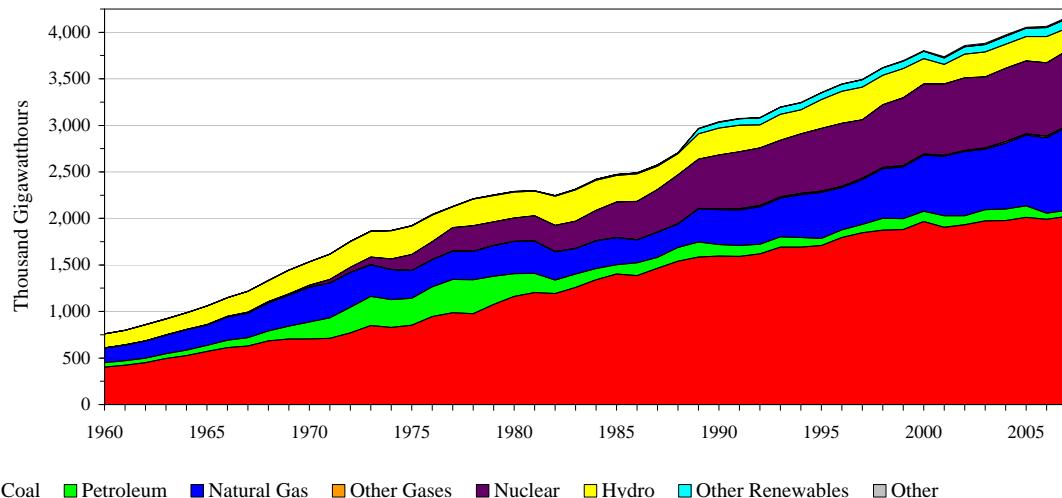


Figure 1.4b - Net Generation of Electricity in the U.S. by Energy Source, 1960-2007

